

10/537246

Docket No. 270932US0PCT

JC17 Rec'd PCT/PTO 01 JUN 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: John Jairo LOPEZ AREIZA, et al.

SERIAL NO: New U.S. PCT Application Based on PCT/EP03/15033

GAU:

FILED: Herewith

EXAMINER:

FOR: AZA-PEPTIDES

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 270932US0PCT		SERIAL NO. <b>10/537246</b> New U.S. PCT Application Based on PCT/EP03/15033	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT John Jairo LOPEZ AREIZA, et al.			
				FILING DATE Herewith		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5 948 763	09/07/99	SOTO-JARA et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES                      NO		
	AB	01/34631	05/17/01	WO			NO
	AC	96/39834	12/19/96	WO			NO
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AD	HAN, Hyunsoo et al. "Azatides: Solution and Liquid Phase Syntheses of a New Peptidomimetic", Journal of the American Chemical Society, vol. 118, no. 11, pages 2539-2544, XP002046408 1996					
	AE	HETENYI, C. et al. "Computational studies on the binding of beta-sheet breaker (BSB) peptides on amyloid betaA(1-42)", Journal of Molecular Structure (Theochem), vol. 542, pages 25-31, XP001146365 2001					
	AF	GANTE, Joachim. "Azapeptides", Synthesis, no. 6, pages 405-413, XP000035384 1989					
	AG	SELKOE, Dennis J. "Alzheimer's Disease: Genotypes, Phenotype, and Treatments", Science, vol. 275, pages 630-631 1997					
	AH	MASTERS, Colin L. et al. "Amyloid plaque core protein in Alzheimer disease and Down syndrome", Proc. Natl. Acad. Sci., vol. 82, pages 4245-4249 1985					
	AI	DAVIES, L. et al. "A4 amyloid protein deposition and the diagnosis of Alzheimer's disease: Prevalence in aged brains determined by immunocytochemistry compared with conventional neuropathologic techniques", Neurology, vol. 38, pages 1688-1693 1988					
	AJ	KOWALL, Neil W. et al. "An in vivo model for the neurodegenerative effects of beta amyloid and protection by substance P", Proc. Natl. Acad. Sci., vol. 88, pages 7247-7251 1991					
	AK	LEVY, Efrat et al. "Mutation of the Alzheimer's Disease Amyloid Gene in Hereditary Cerebral Hemorrhage, Dutch Type", Science, vol. 248, pages 1124-1126 1990					
	AL	MAURY, C.P.J. "Biology of Disease: Molecular Pathogenesis of beta-Amyloidosis in Alzheimer's Disease and Other Cerebral Amyloidoses", Laboratory Investigation, vol. 72, no. 1, pages 4-16 1995					
	AM	JORDAN, Barry D. "Chronic Traumatic Brain Injury Associated with Boxing", Seminars in Neurology, vol. 20, no. 2, pages 179-185 2000					
	AN	KANG, Jie et al. "The precursor of Alzheimer's disease amyloid A4 protein resembles a cell-surface receptor", Nature, vol. 325, pages 733-736 1987					
	AO	MANN, D.M.A. "Alzheimer's disease and Down's syndrome", Histopathology, vol. 13, pages 125-137 1988					
	AP	SHOJI, Mikio et al. "Production of the Alzheimer Amyloid beta Protein by Normal Proteolytic Processing", Science, vol. 258, pages 126-129 1992					
	AQ	MORI, Hiroshi et al. "Mass Spectrometry of Purified Amyloid beta Protein in Alzheimer's Disease", Journal of Biological Chemistry, vol. 267, no. 24, pages 17082-17086 1992				<input checked="" type="checkbox"/> Additional References sheet(s) attached	
Examiner							
Date Considered							
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO.  270932US0PCT		SERIAL NO. <b>10/537246</b> New U.S. PCT Application Based on PCT/EP03/15033	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT  John Jairo LOPEZ AREIZA, et al.			
				FILING DATE  Herewith		GROUP	
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	SOTO, Claudio. "Alzheimer's and prion disease as disorders of protein conformation: implications for the design of novel therapeutic approaches", J. Mol. Med., vol. 77, pages 412-418 1999					
	AS	SERPELL, L.C. et al. "The molecular basis of amyloidosis", CMLS, vol. 53, pages 871-887 1997					
	AT	SOTO, Claudio et al. "The alpha-Helical to beta-Strand Transition in the Amino-terminal Fragment of the Amyloid beta-Peptide Modulates Amyloid Formation", Journal of Biological Chemistry, vol. 270, no. 7, pages 3063-3067 1995					
	AU	WISNIEWSKI, T. et al. "Therapeutics in Alzheimer's and Prion Diseases", Biochemical Society Transactions, vol. 30, part 4, pages 574-578 2002					
	AV	YANKNER, Bruce A. "Mechanisms of Neuronal Degeneration in Alzheimer's Disease", Neuron, vol. 16, pages 921-932 1996					
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	AX	SOTO, Claudio et al. "Beta-sheet breaker peptides inhibit fibrillogenesis in a rat brain model of amyloidosis: Implications for Alzheimer's therapy", Nature Medicine, vol. 4, no. 7, pages 822-826 1998					
	AY	TRIGUERO, Domingo et al. "Capillary Depletion Method for Quantification of Blood-Brain Barrier Transport of Circulating Peptides and Plasma Proteins", Journal of Neurochemistry, vol. 54, pages 1882-1888 1990					
	AZ						
	AAA						
	AAB						
	AAC						
	AAD						
	AAE						
	AAF						
	AAG						
	AAH						
Examiner						Date Considered	
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#### STATEMENT OF RELEVANCY

- 1) References AA, AB, AD-AF have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.
- 2) References \_\_\_\_\_ have been cited in the corresponding \_\_\_\_\_ Search Report. A copy of these references is being submitted herewith.
- 3) References AC, AG-AY are discussed in the specification. A copy of these references is being submitted here with.
- 4) References \_\_\_\_\_ are additional prior art known to Applicant. A copy of these references is being submitted herewith.